

ICS 209 (Oil Spill) - Incident Status Summary										Version Name: 20191226							
Incident Name: South 4 Group Fire										Period: Period 16 [12/19/2019 06:00 - 01/31/2020 06:00]							
<b>Spill Status (Estimated)</b>										<b>Equipment Resources</b>							
<b>Source Status</b>		<b>Remaining potential</b>		151,740		<b>Kind</b>		<b>Ordered</b>	<b>Available</b>	<b>Assigned</b>	<b>Out-Of-Service</b>	<b>Total Count</b>					
SECURED		<b>Rate of spillage</b>		0 barrel(s)		Air Monitor - MultiRAE		0	0	10	0	10					
		<b>Volumes measured in</b>		barrel(s)		Air Monitor - UltraRAE		0	0	0	0	0					
		<b>Since Last Report</b>		<b>Total</b>		Boom		0	1	2,000	0	2,001					
Total Volume Spilled		0		999		Fire Fighting Foam		0	1,590	0	0	1,590					
<b>Mass Balance (Estimated)</b>										<b>Volumes in gallon(s)</b>							
Recovered Material (Liquid)		15,000		76,500		Jon Boat		0	0	3	1	4					
Foam		0		1,320		Pumps		2	21	35	0	58					
Combusted Material (bbl)		0		48,970		Response Boat		0	0	2	0	2					
<b>Waste (Estimated)</b>										Skimmer			0	17	1	0	18
<b>Type</b>		<b>Recovered</b>	<b>Stored</b>	<b>Disposed</b>	<b>UOM</b>	Sorbent: Boom		0	50	8,350	0	8,400					
Sorbent: Boom		13,720			Feet	UTV		0	0	1	1	2					
Debris		1,267			Bags	Vacuum Truck		0	0	9	3	12					
Liquid		213,725			gallon (s)	Vehicle		4	17	108	1	130					
						Viscous Sweep		0	0	250	0	250					
<b>Shoreline Impacts</b>										<b>Distances measured in mile(s)</b>							
<b>Degree of Oiling</b>		<b>Affected</b>	<b>Cleaned</b>	<b>Remaining to be Cleaned</b>		<b>Organization</b>		<b>People in the Field</b>	<b>People in Cmd. Post</b>	<b>Total People On Scene</b>							
						Other		1	0	1							
<b>Wildlife Impacts</b>										<b>Personnel Resources</b>							
					<b>Died In Facility</b>		Federal		0	0	0						
<b>Type</b>	<b>Captured</b>	<b>Cleaned</b>	<b>Released</b>	<b>DOA</b>	<b>Euth.</b>	<b>Other</b>	State		2	0	2						
Fish Above 3"	0	0	0	68	0	0	Local		15	2	17						
Bird	0	0	0	0	0	0	RP		82	25	107						
Mammal	0	0	0	0	0	0	Contract Personnel		258	38	296						
Reptile	0	0	0	1	0	0	<b>Totals</b>		<b>358</b>	<b>65</b>	<b>423</b>						
2-3" Fish	0	0	0	2,000	0	0	<b>Special Notes</b>										
Blue Crab	0	0	0	18	0	0	Active Fires: 1										
Pig				2			Notes:										
Turtle				1			*Spilled material based on 98% destruction efficiency of the fire.										
<b>Safety Status</b>										NO CIR's							
<b>Type</b>		<b>Amount since last report</b>		<b>Total Amount</b>													
Public Injury		0		0													
Responder Injury		1		5													
Community Air Readings for all analytes		0		106,000													
BD - Community Air Detections above action level		0		238													
Community Air Monitoring readings for Butadiene				37,066													
VOC - Community Air Detections above action level		0		11													
ICS 209 (Oil Spill) - Incident Status Summary										Prepared By Planning Section, Updated 12/26/2019 23:49 UTC -6: PP							
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Incident Name: South 4 Group Fire			Period: Period 16 [12/19/2019 06:00 - 01/31/2020 06:00]		
<b>Safety Status</b>					
<i>Type</i>	<i>Amount since last report</i>	<i>Total Amount</i>			
Community Air Monitoring readings for VOC		37,333			
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## Daily Summary – TPC Port Neches South 4 Group Fire

### 12/26/2019

The waterway has now transitioned to Maintenance and Monitoring Mode

Shoreline Impacts	Assessed, miles	In Remediation, miles	Sign Off
No Oil Observed	4.96		4.96
Light Oil	1.05		1.05
SCAT Recommends No Further Treatment	2.58		2.58

- There were no CIR's issued today.
- No new leaks were identified.
- For more than ten days, there have been no readings above detection limits for butadiene or VOC within the ½-mile radius area in which community air monitoring is being performed 24/7.
- Water, totaling approximately 3400 gpm, continues to be sprayed on 3 areas to help reduce concentrations of butadiene within the work zone. We are monitoring the 201 Outfall frequently to minimize any overflow of the weir.
- Work Zone recovery of PACM/ACM material continued. Wipe tests were collected per the Building ACM Plan. No results have been reported.
- There was no DEHA injection on 12/26.
- The drone flew its routine observation runs. There new no issues identified
- CTEH will provide a comprehensive summary of all water analyses by 12/30/2019.
- The following table provides a list of ongoing leaks have been identified on lines associated with the following:

Tank Number/Equipment Type	Material in Tank	Component Involved	Repaired
39	Raffinate	Flange on line east of sphere 39	
40	Raffinate	Tubing valve	12/14/2019
36	High Butane Raffinate	Flange on tank	
33	High Butane Raffinate	Tubing fitting. Leak under tank not accessible.	
35	High Butane Raffinate	Tubing leak	
90 & 91	High Purity Butadiene	Leak on common suction line, 092 that runs N to S	
26	Crude C4	Line leak, attempted repair with clamp	12/14/2019
30	Water and NMP Solvent	Tubing fitting	12/13/2019
219	MTBE	Vacuum Breaker, Intermittent	
2" Flange SE corner of block 10	Assumed BD	Flange	
6" valve at block 5 on 3 <sup>rd</sup> street	Raff	Valve	12/17/2019
Tank 42 Relief Valve	Raff	Relief Valve	
2-Six-inch line leaks where Tank 34	Raffinate, High BD	Line Leak	

Tank Number/Equipment Type	Material in Tank	Component Involved	Repaired
1-6" Line (originally thought to be 2-10" lines to process compressor)	High BD concentration,	Damaged piping	
Tank 220	MTBE	Vacuum Breaker	
3" Line in Block 5	Assumed BD	Line Leak	

- The Outfall Canal remains in Monitoring and Maintenance mode. Water was approximately 1' below the Outfall 201 weir.

## Upcoming Activities

- The new Plant Alarm System routine testing will begin on Christmas at Noon, and each Wednesday thereafter.
- Monitoring of the schools has been suspended during Holiday Break, but the area will continue to be monitored as part of the 1/2 -mile radius Air Monitoring Plan.
- The Potential Asbestos Containing Material (PACM) Cleanup Team continues collecting material found on the ground, per the approved plan. They will continue the work but will not remediate the area or disturb the evidence. The teams will start at the north end of the site, collecting the material in a planned manner until the whole site has been completed.
- The traffic pattern on Hwy. 366 remains the same today however communications were sent that 366 will be opened to one lane in each direction on Saturday 28<sup>th</sup> at 0600.
- The Technical Teams continue to work on the plans that are being developed. The plan is to begin flaring dock line tomorrow morning in preparation for dock line hydrotest.

## Health and Safety

- No issues.

## Water Effluent

- Status of 201: 1' below the weir.
- GPM to JWWTP: 2400 gpm.

## Water Testing: Analytical summaries will be provided each Monday

- As of December 21, 2019, a total of 222 surface water samples have been collected at 21 different locations for VOCs, SVOCs, PAH, PFAS, TPH, TOC, oil and grease, ethylene glycol, and asbestos analysis. Results of these analyses are not representative of drinking water sources.
- As of December 21, 2019, 197 surface water sample results have been received for VOC analysis and 131 results received for asbestos analysis.
- There have been no exceedances of TCEQ Contact Recreation Water Protective Concentration Limit (PCL) screening levels for the surface water samples with available PCLs. Where no PCLs are available, results are being compared to background surface water samples.

## Wildlife Report

- There were no Wildlife reports on 12/26/2019

## Recovery Operations

- Routine monitoring.

## SCAT Report

- Maintenance and Monitoring Plan is in effect.

**Waste** No changes 12/26/2019.

Profiles are being developed and disposal options identified for the waste that has been collected outside of the site.

Gallons	Frac Tanks (20,000 gallons capacity)	# Of Tanks Used
177,500	Liquids from outfall canal skimming	9
10,000	Water and hydrocarbons from south separator	.5
30,000	Latex-laden Wastewater from LION	1.5
15,000	Hydrocarbons from API Separator	0.75
250	Wash Water from decon at Vallen Trailer	0.1
10,000	Liquids from Second Street Ditch	0.5
	Empty Available and Staged	5
<b>235,250</b>	<b>Totals</b>	<b>19</b>

CYD's	Roll Off Boxes (25 CYD's capacity)	# Of Boxes Used
225	Hydrocarbon Debris and Sorbents from Canal	11
<b>225</b>	<b>Totals</b>	<b>11</b>

Empty available and staged (requested 4 more) 2

CYD's	Potential Asbestos Containing Material (PACM)	# Of Boxes Used
12.5	Material from 201 outfall and south separator	0.5
30	Motiva (1-full, 1-in use)	2
6.25	Joint Waste Water	1
<b>48.75</b>	<b>Totals</b>	<b>4</b>

	Other	
	Routine Plant Trash (Garbage)	<b>1</b>
	Dirty Containment Boom waiting on decon	<b>0</b>

## Worksite Air Monitoring

The report period until 06:00 this morning had no detections of VOCs or 1,3-butadiene above the respective site-specific action levels approved by UC. No detections of benzene, %LEL, or styrene were observed within the work area during this reporting period. The on-going reporting period had high detection concentrations for both Butadiene and VOC, but they dropped quickly back down.

## Community Air Monitoring

*Please note: Air monitoring samples will continue to be collected, but analytical results will be reported once per week on Monday.*

*The air data was updated 12/23.*

### Asbestos Monitoring

#### Community

- Wipe samples: One of the 234 samples collected have been positive for asbestos
- Bulk Sampling: 131 of 300 samples tested positive for asbestos

### Air Monitoring Sampling Results

#### Community

The analytical information below represents data as of 12/21/2019, as provided on 12/23.

Analytical	Detections	Samples Collected	Sample Stations
Volatile Organic Compounds (VOC)*	2*	503	54
Poly Aromatic Hydrocarbons (PAH)	None Detected	476	28
Asbestos	1**	891	44

2\* There were detectable amounts of VOC, but two were above the Texas Commission on Environmental Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb).

\*\* The analysis has not been verified by second-level evaluation

### Community Assessments

Please reference the next page for this community assessment information.

## Community Property Assessment Summary

270

107

219

Count of Industrial Debris Claims  
SampledCount of Properties with Observed  
DamageCount of Properties with Observed  
Debris

## Community Property Assessment Summary - Jefferson

239

101

190

Count of Industrial Debris Claims  
SampledCount of Properties with Observed  
DamageCount of Properties with Observed  
Debris

## Community Property Assessment Summary - Orange

31

6

29

Count of Industrial Debris Claims  
SampledCount of Properties with Observed  
DamageCount of Properties with Observed  
Debris

## Completed Property Assessments Property Type Sum

Type	# of Properties
Commercial/Business	2
Multi-family Residence	3
Single Family Home	265
	<b>270</b>